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ADA

# Dental Student Attrition

1981/82
ACADEMIC YEAR

SUPPLEMENT 5
TO THE
ANNUAL REPORT 1982/83
DENTAL EDUCATION

## DENTAL STUDENT ATTRITION

Each year the Division of Educational Measurements gathers student attrition data from the 60 U.S. dental schools by means of the Annual Survey on Dental Educational Institutions as well as through withdrawal forms submitted for each of the students who withdraw from school. Students who repeat an academic year and students on temporary leave of absence are not included in these data. Between 1973 and 1979, the attrition rate after one full year of dental education was approximately 3.5% (see table 1). However, during the past two years the rate of attrition for the dental school freshmen has begun to climb, 4.30% in 1980-81 and 4.95% in 1981-82. During 1981-82, 135 sophomores (2.3% of the sophomore class) withdrew, while 64 withdrew from the junior class (1.2%) and 27 from the final year of dental education (0.5%). These 516 students amount to 2.28% of the total 1981-82 dental school enrollment.

Comparing the number of 1981-82 withdrawals with the number of students in their individual freshmen classes allows us to conclude that an attrition rate of approximately 9 percent can be expected of a class of students for the four years of dental education. Although this is a notable decrease as compared to the 11.6% four year attrition rate of the 1966 entering class, this also represents a marked increase since 1979 (6.5%).

## REASONS FOR WITHDRAWALS

For the past five years the general reasons for withdrawal have been divided in approximately a 60% - 40% ratio (see table 2) with more student withdrawals because of personal reasons that are not related to academics than for academic reasons.

## PERSONAL REASONS

A change of career objective remains the most frequently reported personal reason for withdrawal from dental school (see table 3). Most of these students were in good academic standing and had no reported difficulty with coursework, but they withdrew to follow a career other than dentistry. This reason was given for 1.6% of the first-year students, for approximately 0.6% of the sophomore class, 0.2% of the junior class and less than 0.1% of the senior class. During the 1981-82 year, 16 students left dental school explicitly to enter a medical school: 6 freshmen, 5 sophomores and 5 juniors. During the 1981-82 year, 41 students left a particular dental school to transfer to another dental school. Twelve of these 41 students were freshmen.

The second most frequently reported personal reason for withdrawal from dental school was reported to be the classification of "other", or general personal reasons. Of the 516 students who withdrew from dental school in 1981-82, 81 students withdrew for general personal reasons. Thirty-Three students (6.4% of all withdrawals) dropped out of dental school because of family problems. Financial reasons were given for the withdrawal of only 4 freshmen, 7 sophomores, one junior or two seniors.

## ACADEMIC REASONS

Of the 516 students who withdrew from dental school in 1981-82, 36.8 percent (180) withdrew voluntarily or involuntarily because of difficulties encountered in the courses taught in dental school (see table 7, 9, 11, 13). An effort was made to determine in which area of the dental curriculum the students had encountered difficulties, that is, didactic courses, technic or clinical courses. This distinction is particularly interesting when relating the causes of attrition to the Dental Admission Test (DAT) scores used in the admission process.

Of the 5,855 freshmen in dental school in 1981-82, 2.07% (119) withdrew because of academic problems. Of these 119 students, 71 had serious difficulty in didactic courses alone, 13 had difficulty in technic courses only (or with manual dexterity), while 35 had difficulty in both. Although this is a small fragment of the entire national first year enrollment, it is interesting to consider the Dental Admission Test scores of those who withdrew from school as compared to those who remain, (the DAT scores are the only admission criteria available on a national basis and, therefore, are the only criteria considered in this analysis).

Of the 71 instances in which didactic course difficulties led to attrition from the freshmen class, 58 of the students (81.7%) had received an academic DAT score (relating to didactic course performance) below the average score (4). When this is related to the fact that only 66% of the entire freshmen class had at least one of the 5 academic DAT scores below 4, the 81.5% identified above is significant (with a chi square significance greater than .001).

As some schools accept students more on the basis of DAT score Averages than on individual DAT subscores, one may wish to take into account only the DAT Academic Average (the mean score of five DAT subscores relating to academic abilities and achievement) when assessing causes of attrition. Of all the freshman students in 1981-82 only 15% had DAT Academic Averages below the mean (4), whereas of the 71 students who withdrew because of problems in didactic courses 48% had a DAT Academic Average below 4. This again validates indirectly the usefulness of the Dental Admission Test scores in admissions evaluations (chi square significance greater than .001).

The other area in which students' difficulties were specified is that of the technic or preclinical courses. Of the 48 freshmen students (0.8%) of the national first year enrollment who had insurmountable difficulty in these courses, or this aspect of their dental education, 13 had difficulty only in these courses (needing manual dexterity, perceptual ability and coordination), whereas 35 had difficulties also in didactic courses. One-third of these 48 students had received below average DAT scores on the perceptual ability test. That is, 33% of the students who dropped out of dental school because of problems in technic, pre-clinical areas had been admitted to dental school with PAT scores below 4, while on the other hand, of the entire freshman class, only 14% had PAT scores below 4. A great significance is again indicated by a chi square value greater than .001.

In 1981 women constituted 21.7% of the entering class in U.S. dental school and 18.7% of the entire dental enrollment. Women, however, made up 19.0% of the first year withdrawals and 21.5% of the withdrawals from all four years. As can be seen from Table 4, the attrition rate for women in the first-year class is lower than for men. In the past women had a significantly higher attrition rate than men. The two rates were about the same for two years, and now women have a slightly lower rate of attrition than men during the freshman year.

## CONCLUSION

In summary, the freshman attrition rate which had been consistently held to approximately three and one half percent until 1979-80 has increased to 4.95% in 1981-82. The national dental school entering class can be expected to experience approximately a 9% attrition rate by the time of graduation if one takes the 1981-82 rate of attrition as a base. The students withdrawing for personal, non-academic reasons out-number those withdrawing because of academic problems by a 6 to 4 ratio. Freshmen withdrew from school more often because of academic problems in didactic courses than in technic courses, both areas of difficulty being predicted significantly by Dental Admission Test scores. Finally, the attrition rate for women, which had been slightly higher than for men in the first year classes before 1979 and approximately the same as for men in 1979 and 1980, was less than for men during the 1981-82 academic year.

TABLE 1

DENTAL SCHOOL FRESHMAN CLASS ATTRITION
1973-74 to 1981-82

| Academic Year | First-Year Enrollment | Withdrawals for Academic Reasons | Withdrawals for Personal Reasons | Total First-Year Withdrawals |
|---|---|---|---|---|
| 1973-74 | 5,445 | 98 | 95 | 193 |
| % of Freshmen Enrollment | | 1.80% | 1.74% | 3.54% |
| 1974-75 | 5,617 | 93 | 116 | 209 |
| % of Freshmen Enrollment | | 1.66% | 2.05% | 3.72% |
| 1975-76 | 5,763 | 93 | 107 | 200 |
| % of Freshmen Enrollment | | 1.61% | 1.86% | 3.47% |
| 1976-77 | 5,935 | 77 | 137 | 214 |
| % of Freshmen Enrollment | | 1.20% | 2.31% | 3.62% |
| 1977-78 | 5,954 | 81 | 119 | 200 |
| % of Freshmen Enrollment | | 1.36% | 2.00% | 3.36% |
| 1978-79 | 6,301 | 96 | 127 | 230 |
| % of Freshmen Enrollment | | 1.50% | 2.00% | 3.65% |
| 1979-80 | 6,132 | 103 | 113 | 216 |
| % of Freshmen Enrollment | | 1.68% | 1.84% | 3.52% |
| 1980-81 | 6,030 | 90 | 169 | 259 |
| % of Freshmen Enrollment | | 1.49% | 2.80% | 4.30% |
| 1981-82 | 5,855 | 119 | 171 | 290 |
| % of Freshmen Enrollment | | 2.03% | 2.92% | 4.95% |

TABLE 2

REASONS FOR FRESHMAN ATTRITION - 1977-82

| | 1977-78 | | 1978-79 | | 1979-80 | | 1980-81 | | 1981-82 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Withdrawals for Personal Reasons | 119 | 59.5% | 127 | 57.0% | 113 | 52.3% | 169 | 65.3% | 171 | 59.0% |
| Withdrawals for Academic Reasons | 81 | 40.5% | 96 | 43.0% | 103 | 47.7% | 90 | 34.7% | 119 | 41.0% |
| Problems in Didactic Courses only | 31 | 15.5% | 55 | 24.7% | 59 | 27.3% | 48 | 18.5% | 71 | 24.5% |
| Problems in Technic Courses only | 15 | 7.5% | 6 | 2.7% | 32 | 5.6% | 19 | 7.3% | 13 | 4.5% |
| Problems in Didactic & Technic | 35 | 17.5% | 35 | 15.7% | 32 | 14.8% | 23 | 8.9% | 35 | 12.1% |
| Total Freshmen Withdrawals | 200 | 100.0% | 230+ | 100.0% | 216 | 100.0% | 259 | 100.0% | 290 | 100.0% |

+ 7 withdrawals inidentified

TABLE 3

PERSONAL REASONS* FOR WITHDRAWALS, 1981-82

| | Freshmen | Sophomore | Junior | Senior | Total |
|---|---|---|---|---|---|
| Change of career objective | 96 | 36 | 13 | 3 | 148 |
| Other general reasons | 42 | 24 | 11 | 4 | 81 |
| Transfer to other dental school | 12 | 19 | 6 | 1 | 41 |
| Family problems | 22 | 7 | 3 | 1 | 33 |
| Poor health | 16 | 5 | 6 | 2 | 29 |
| Disciplinary suspension | 11 | 2 | 4 | 1 | 18 |
| Enter medical school | 6 | 5 | 5 | - | 16 |
| Financial problems | 4 | 7 | 1 | 2 | 14 |
| Lack of interest | 8 | 3 | 1 | - | 12 |
| Emotional problems | 7 | 3 | 2 | - | 12 |

* Sometimes more than one reason was given per student.

TABLE 4

SEX DIFFERENCES
ATTRITION, BY SEX, FROM TOTAL ENROLLMENT 1981-82

| | Freshman | Sophomore | Junior | Senior | Total |
|---|---|---|---|---|---|
| Male | 235 | 92 | 52 | 26 | 405 |
| % of male enrollment | 5.1% | 2.0% | 1.2% | 0.6% | 2.2% |
| Female | 55 | 43 | 12 | 1 | 111 |
| % of female enrollment | 4.3% | 3.8% | 1.3% | 0.1% | 2.6% |
| Total Attrition | 290 | 135 | 64 | 27 | 516 |

TABLE 5

REASONS FOR WITHDRAWAL FROM 1981-82 FRESHMAN CLASS, BY SEX

| | Personal | | Only Didactic Problems | | Only Technic Problems | | Both Didactic & Technic Problems | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | # | % | # | % | # | % | # | % | # | % |
| Male | 138 | 58.7% | 57 | 24.3% | 10 | 4.3% | 30 | 12.7% | 235 | 100.0% |
| Female | 33 | 60.0% | 14 | 25.5% | 3 | 5.5% | 5 | 9.0% | 55 | 100.0% |

TABLE 6

SUMMARY STATISTICS
OF
FRESHMAN CLASS 1981-82

| School | Number of Freshman M | Number of Freshman F | Number of Withdrawals M | Number of Withdrawals F | Attrition % of both male and female |
|---|---|---|---|---|---|
| University of Alabama | 58 | 10 | 5 | - | 7.5 |
| University of the Pacific | 100 | 35 | 4 | 1 | 3.7 |
| Univ. of California, S.F. | 74 | 35 | - | - | - |
| Univ. of California, L.A. | 76 | 32 | 2 | 1 | 2.7 |
| Univ. of Southern California | 114 | 28 | - | - | - |
| Loma Linda University | 77 | 16 | 6 | - | 6.4 |
| Univ. of Colorado | 17 | 9 | 1 | - | 3.8 |
| Univ. of Connecticut | 31 | 18 | 1 | - | 2.0 |
| Georgetown University | 133 | 22 | 3 | - | 1.9 |
| Howard University | 67 | 41 | 5 | 4 | 8.3 |
| University of Florida | 64 | 16 | 3 | 1 | 5.0 |
| Emory University | 75 | 22 | 5 | - | 5.1 |
| Medical College of Georgia | 46 | 10 | - | - | - |
| Loyola University | 119 | 29 | 2 | - | 1.3 |
| Northwestern University | 95 | 20 | 2 | 1 | 2.6 |
| Southern Illinois Univ. | 41 | 11 | 1 | - | 1.9 |
| University of Illinois | 112 | 24 | 13 | 1 | 10.3 |
| Indiana University | 88 | 28 | 2 | 1 | 2.5 |
| University of Iowa | 63 | 24 | 1 | - | 1.1 |
| University of Kentucky | 44 | 14 | 2 | 1 | 5.1 |
| Univ. of Louisville | 60 | 17 | 1 | 3 | 5.1 |
| Louisiana State Univ. | 77 | 20 | 3 | 2 | 5.1 |
| University of Maryland | 85 | 28 | 5 | - | 4.4 |
| Harvard University | 13 | 9 | - | - | - |
| Boston University | 47 | 15 | - | 1 | 1.6 |
| Tufts University | 123 | 32 | 7 | 2 | 5.8 |
| University of Detroit | 75 | 11 | 4 | 2 | 6.9 |
| University of Michigan | 108 | 42 | 3 | 1 | 2.6 |
| Univ. of Minnesota | 127 | 21 | 15 | 1 | 10.8 |
| Univ. of Mississippi | 46 | 5 | 3 | 2 | 9.8 |
| Univ. of Missouri, K.C. | 140 | 19 | 5 | 1 | 3.7 |
| Washington University | 68 | 16 | 1 | - | 1.1 |
| Creighton University | 66 | 12 | 5 | 1 | 7.6 |
| University of Nebraska | 56 | 11 | 5 | 1 | 8.9 |
| Fairleigh Dickinson Univ. | 64 | 19 | 1 | 1 | 2.4 |
| New Jersey College | 75 | 23 | 6 | - | 6.1 |
| Columbia University | 41 | 19 | 3 | - | 5.0 |
| New York University | 132 | 39 | 11 | 1 | 7.0 |
| Univ. of New York - S.B. | 20 | 8 | 2 | - | 7.1 |
| Univ. of New York - Buffalo | 72 | 16 | 1 | - | 1.1 |
| Univ. of North Carolina | 69 | 16 | 9 | - | 5.8 |
| Ohio University | 141 | 22 | 9 | 3 | 7.3 |
| Case Western Reserve Univ. | 81 | 23 | 3 | 1 | 3.8 |
| University of Oklahoma | 57 | 14 | 4 | 1 | 7.0 |
| Oral Roberts University | 29 | 2 | - | - | - |
| University of Oregon | 61 | 15 | 3 | 1 | 5.2 |
| Temple University | 100 | 31 | 3 | 1 | 3.0 |
| Univ. of Pennsylvania | 118 | 45 | 2 | - | 1.2 |
| Univ. of Pittsburgh | 85 | 24 | 4 | - | 3.6 |
| Univ. of South Carolina | 48 | 7 | 2 | 1 | 5.4 |
| Meharry Med. College | 33 | 21 | 3 | 1 | 7.4 |
| Univ. of Tennessee | 117 | 16 | 12 | 4 | 12.0 |
| Baylor University | 111 | 29 | 4 | - | 2.8 |
| Univ. of Texas, Houston | 81 | 42 | 8 | 4 | 9.7 |
| Univ. of Texas, San Antonio | 120 | 28 | 12 | 4 | 10.8 |
| Virginia Com. University | 89 | 24 | 6 | - | 5.3 |
| Univ. of Washington | 63 | 23 | 5 | 2 | 8.1 |
| West Virginia Univ. | 44 | 8 | - | - | - |
| Marquette University | 114 | 23 | 7 | 2 | 6.5 |
| Univ. of Puerto Rico | 37 | 29 | - | - | - |
| Total | 4,587 | 1,268 | 235 | 55 | 4.95 |

TABLE 7

SUMMARY STATISTICS
OF
REASON FOR WITHDRAWALS
FRESHMAN CLASS 1981-82

| School | Personal | | Scholastic Difficulty | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Didactic only | | Manual only | | Both Didactic and Manual | | Total | |
| | M | F | M | F | M | F | M | F | M | F |
| University of Alabama | 4 | - | - | - | - | - | 1 | - | 5 | - |
| University of the Pacific | 2 | 1 | 1 | - | 1 | | - | - | 5 | - |
| Univ. of California, S.F. | - | - | - | - | - | - | - | - | - | - |
| Univ. of California, L.A. | 1 | 1 | 1 | - | - | - | - | - | 2 | 1 |
| Univ. of Southern California | - | - | - | - | - | - | - | - | - | - |
| Loma Linda University | 2 | - | 4 | - | - | - | - | - | 6 | - |
| Univ. of Colorado | - | - | 1 | - | - | - | - | - | 1 | - |
| Univ. of Connecticut | - | - | - | - | 1 | - | - | - | 1 | - |
| Georgetown University | 3 | - | - | - | - | - | - | - | 3 | - |
| Howard University | - | 1 | 4 | 3 | - | - | 1 | - | 5 | 4 |
| University of Florida | 3 | - | - | 1 | - | - | - | - | 3 | 1 |
| Emory University | 4 | 1 | - | - | - | - | - | - | 5 | - |
| Medical College of Georgia | - | - | - | - | - | - | - | - | - | - |
| Loyola University | - | - | 2 | - | - | - | - | - | 2 | - |
| Northwestern University | 2 | 1 | - | - | - | - | - | - | 2 | 1 |
| Southern Illinois Univ. | 1 | - | - | - | - | - | - | - | 1 | - |
| University of Illinois | 9 | 1 | 4 | - | - | - | - | - | 13 | 1 |
| Indiana University | 2 | 1 | - | - | - | - | - | - | 2 | 1 |
| University of Iowa | 1 | - | - | - | - | - | - | - | 1 | - |
| University of Kentucky | 2 | 1 | - | - | - | - | - | - | 2 | 1 |
| Univ. of Louisville | 1 | 3 | - | - | - | - | - | - | 1 | 3 |
| Louisiana State Univ. | 1 | - | 2 | 1 | - | - | - | 1 | 3 | 2 |
| University of Maryland | 4 | - | 1 | - | - | - | - | - | 5 | - |
| Harvard University | - | - | - | - | - | - | - | - | - | - |
| Boston University | - | - | - | 1 | - | - | - | - | - | 1 |
| Tufts University | 6 | 2 | - | - | - | - | - | 1 | 7 | 2 |
| University of Detroit | 1 | 1 | - | - | - | - | 3 | 1 | 4 | 2 |
| University of Michigan | 1 | 1 | 2 | - | - | - | - | - | 3 | 1 |
| Univ. of Minnesota | 8 | - | 2 | - | 1 | - | 4 | 1 | 15 | 1 |
| Univ. of Mississippi | - | 1 | 3 | - | - | 1 | - | - | 3 | 2 |
| Univ. of Missouri, K.C. | 3 | 1 | 2 | - | - | - | - | - | 5 | 1 |
| Washington University | 1 | - | - | - | - | - | - | - | 1 | - |
| Creighton University | 2 | - | 3 | 1 | - | - | - | - | 5 | 1 |
| University of Nebraska | 2 | 1 | 3 | | | | | | 5 | 1 |
| Fairleigh Dickinson Univ. | 1 | - | - | 1 | - | - | - | - | 1 | 1 |
| New Jersey College | 4 | - | - | - | - | - | 2 | - | 6 | - |
| Columbia University | - | - | 3 | - | - | - | - | - | 3 | - |
| New York University | 2 | 1 | 2 | | 1 | | 6 | | 11 | 1 |
| Univ. of New York, S.B. | 2 | - | - | - | - | - | - | - | 2 | - |
| Univ. of New York, Buffalo | - | - | 1 | - | - | - | - | - | 1 | |
| Univ. of North Carolina | 8 | - | - | - | 1 | - | - | - | 9 | |
| Ohio State University | 5 | - | - | 1 | 3 | 1 | 1 | 1 | 9 | 3 |
| Case Western Reserve Univ. | 3 | 1 | - | - | - | - | - | - | 3 | 1 |
| University of Oklahoma | 4 | 1 | - | - | - | - | - | - | 4 | 1 |
| Oral Roberts University | - | - | - | - | - | - | - | - | - | - |
| University of Oregon | 2 | - | 1 | 1 | - | - | - | - | 3 | 1 |
| Temple University | 1 | - | - | 1 | - | - | 2 | - | 3 | 1 |
| Univ. of Pennsylvania | 2 | - | - | - | - | - | - | - | 2 | - |
| Univ. of Pittsburgh | 4 | - | - | - | - | - | - | - | 4 | - |
| Univ. of South Carolina | - | 1 | 2 | - | - | - | - | - | 2 | 1 |
| Meharry Med. College | - | 1 | - | - | - | - | 3 | - | 3 | 1 |
| Univ. of Tennessee | 7 | 3 | 2 | - | 1 | 1 | 2 | - | 12 | 4 |
| Baylor University | 2 | - | - | - | - | - | 2 | - | 4 | |
| Univ. of Texas, Houston | 6 | 3 | 1 | - | - | - | 1 | 1 | 8 | 4 |
| Univ. of Texas, San Antonio | 5 | 3 | 7 | 1 | - | - | - | - | 12 | 4 |
| Virginia Com. University | 5 | - | - | - | - | - | 1 | - | 6 | - |
| Univ. of Washington | 3 | - | 2 | 2 | - | - | - | - | 5 | 2 |
| West Virginia Univ. | - | - | - | - | - | - | - | - | - | - |
| Marquette University | 6 | 2 | - | - | 1 | - | - | - | 7 | 2 |
| Univ. of Puerto Rico | - | - | - | - | - | - | - | - | - | - |
| Total | 138 | 33 | 57 | 14 | 10 | 3 | 30 | 5 | | 290 |

TABLE 8

SUMMARY STATISTICS
OF
SOPHOMORE CLASS 1981-82

| School | Number of Sophomore M | F | Number of Withdrawals M | F | Attrition % of both male and female |
|---|---|---|---|---|---|
| University of Alabama | 51 | 9 | 4 | - | 6.6 |
| University of the Pacific | 102 | 32 | 1 | 1 | 1.4 |
| Univ. of California, S.F. | 78 | 27 | - | - | - |
| Univ. of California, L.A. | 75 | 30 | - | - | - |
| Univ. of Southern California | 120 | 12 | - | - | - |
| Loma Linda University | 73 | 16 | - | 1 | 1.1 |
| Univ. of Colorado | 19 | 8 | 2 | - | 7.4 |
| Univ. of Connecticut | 39 | 11 | - | 1 | 2.0 |
| Georgetown University | 133 | 23 | 1 | - | 0.6 |
| Howard University | 62 | 37 | 2 | - | 2.0 |
| University of Florida | 50 | 19 | 1 | 1 | 2.8 |
| Emory University | 96 | 14 | 3 | 2 | 4.5 |
| Medical College of Georgia | 48 | 14 | - | - | - |
| Loyola University | 114 | 32 | 3 | 2 | 3.4 |
| Northwestern University | 93 | 19 | 4 | - | 3.5 |
| Southern Illinois Univ. | 46 | 8 | - | - | - |
| University of Illinois | 128 | 27 | 1 | 1 | 1.2 |
| Indiana University | 105 | 20 | 3 | 1 | 3.2 |
| University of Iowa | 73 | 21 | - | 1 | 1.0 |
| University of Kentucky | 46 | 14 | 3 | 1 | 6.6 |
| Univ. of Louisville | 56 | 19 | 3 | - | 4.0 |
| Louisiana State Univ. | 78 | 15 | 1 | - | 1.0 |
| University of Maryland | 103 | 32 | 1 | - | 0.7 |
| Harvard University | 13 | 4 | - | - | - |
| Boston University | 33 | 9 | 1 | - | 2.3 |
| Tufts University | 132 | 30 | - | - | - |
| University of Detroit | 73 | 9 | 4 | 2 | 7.3 |
| University of Michigan | 110 | 37 | 5 | 4 | 6.1 |
| Univ. of Minnesota | 124 | 30 | 1 | - | 0.6 |
| Univ. of Mississippi | 33 | 6 | 2 | - | 5.1 |
| Univ. of Missouri, K.C. | 128 | 28 | - | - | - |
| Washington University | 74 | 10 | - | 1 | 1.1 |
| Creighton University | 69 | 9 | 2 | - | 2.5 |
| University of Nebraska | 55 | 8 | 2 | - | 3.1 |
| Fairleigh Dickinson Univ. | 64 | 20 | 1 | 1 | 2.3 |
| New Jersey College | 56 | 18 | 1 | - | 1.3 |
| Columbia University | 48 | 12 | - | 1 | 1.6 |
| New York University | 158 | 45 | - | - | - |
| Univ. of New York, S.B. | 18 | 7 | - | - | - |
| Univ. of New York, Buffalo | 75 | 18 | 5 | - | 5.3 |
| Univ. of North Carolina | 66 | 14 | - | - | - |
| Ohio State University | 136 | 12 | 5 | 1 | 4.0 |
| Case Western Reserve Univ. | 80 | 23 | - | 1 | 1.0 |
| University of Oklahoma | 52 | 13 | 1 | - | 1.5 |
| Oral Roberts University | 17 | 1 | - | - | - |
| University of Oregon | 64 | 11 | 1 | - | 1.5 |
| Temple University | 123 | 21 | 2 | 1 | 2.1 |
| Univ. of Pennsylvania | 134 | 33 | 1 | 1 | 1.1 |
| Univ. of Pittsburgh | 89 | 16 | 1 | 1 | 1.9 |
| Univ. of South Carolina | 47 | 11 | 1 | - | 1.7 |
| Meharry Med. College | 31 | 20 | 1 | 2 | 5.8 |
| Univ. of Tennessee | 103 | 17 | 4 | 2 | 5.0 |
| Baylor University | 117 | 23 | 5 | 1 | 4.2 |
| Univ. of Texas, Houston | 92 | 31 | 5 | 3 | 6.5 |
| Univ. of Texas, San Antonio | 116 | 28 | 2 | - | 1.3 |
| Virginia Com. University | 79 | 26 | - | 2 | 1.9 |
| University of Washington | 76 | 19 | - | 2 | 2.1 |
| West Virginia Univ. | 44 | 14 | - | - | - |
| Marquette University | 111 | 26 | 5 | 3 | 5.8 |
| Univ. of Puerto Rico | 41 | 25 | - | 3 | 4.5 |
| Total | 4,669 | 1,143 | 91 | 44 | 2.3 |

TABLE 9

SUMMARY STATISTICS
OF
REASON FOR WITHDRAWAL
SOPHOMORE CLASS 1981-82

| School | Personal | | Scholastic Difficulty | | | | | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Didactic only | | Manual only | | Both Didactic and Manual | | | |
| | M | F | M | F | M | F | M | F | M | F |
| University of Alabama | 1 | - | - | - | - | - | 3 | | 4 | - |
| University of the Pacific | 1 | 1 | | | | | | | 1 | 1 |
| Univ. of California, S.F. | - | - | - | - | - | - | - | - | - | - |
| Univ. of California, L.A. | - | - | - | - | - | - | - | - | - | - |
| Univ. of Southern California | - | - | - | - | - | - | - | - | - | - |
| Loma Linda California | | 1 | | | | | | | | 1 |
| University of Colorado | 1 | - | - | - | 1 | - | - | - | 2 | |
| Univ. of Connecticut | - | 1 | - | - | - | - | - | - | - | 1 |
| Georgetown University | 1 | - | - | - | - | - | - | - | 1 | - |
| Howard University | 1 | - | - | - | - | - | 1 | - | 2 | - |
| University of Florida | 1 | - | - | - | - | 1 | - | - | 1 | 1 |
| Emory University | 3 | 1 | - | - | - | - | - | 1 | 3 | 2 |
| Medical College of Georgia | - | - | - | - | - | - | - | - | - | - |
| Loyola University | 2 | - | - | - | - | 1 | 1 | 1 | 3 | 2 |
| Northwestern University | 1 | - | - | - | 3 | - | - | - | 4 | - |
| Southern Illinois University | - | - | - | - | - | - | - | - | - | - |
| University of Illinois | 1 | - | - | 1 | - | - | - | - | 1 | 1 |
| Indiana University | - | 1 | 1 | - | 2 | - | - | - | 3 | 1 |
| University of Iowa | - | 1 | - | - | - | - | - | - | - | 1 |
| University of Kentucky | 2 | 1 | 1 | - | - | - | - | - | 3 | 1 |
| Univ. of Louisville | 2 | - | - | - | - | - | 1 | - | 3 | |
| Louisiana State University | - | - | - | - | - | - | 1 | - | 1 | - |
| University of Maryland | 1 | - | - | - | - | - | - | - | 1 | - |
| Harvard University | - | - | - | - | - | - | - | - | - | - |
| Boston University | 1 | - | - | - | - | - | - | - | 1 | - |
| Tufts University | - | - | - | - | - | - | - | - | - | - |
| University of Detroit | - | 1 | - | 1 | 2 | - | 2 | - | 4 | 2 |
| University of Michigan | 3 | 4 | - | - | 1 | - | 1 | - | 5 | 4 |
| Univ. of Minnesota | 1 | - | - | - | - | - | - | - | 1 | - |
| Univ. of Mississippi | 1 | - | - | - | - | - | 1 | - | 2 | |
| Univ. of Missouri, K.C. | - | - | - | - | - | - | - | - | - | - |
| Washington University | - | 1 | - | - | - | - | - | - | - | 1 |
| Creighton University | 2 | - | - | - | - | - | - | - | 2 | - |
| University of Nebraska | 2 | - | - | - | - | - | - | - | 2 | - |
| Fairleigh Dickinson Univ. | 1 | 1 | - | - | - | - | - | - | 1 | 1 |
| New Jersey College | 1 | - | - | - | - | - | - | - | 1 | - |
| Columbia University | - | 1 | - | - | - | - | - | - | - | 1 |
| New York University | - | - | - | - | - | - | - | - | - | - |
| Univ. of New York, S.B. | - | - | - | - | - | - | - | - | - | - |
| Univ. of New York, Buffalo | 1 | - | 1 | - | 3 | - | - | - | 5 | - |
| Univ. of North Carolina | - | - | - | - | - | - | - | - | - | - |
| Ohio State University | 5 | 1 | - | - | - | - | - | - | 5 | 1 |
| Case Western Reserve Univ. | - | - | - | - | - | 1 | - | - | - | 1 |
| University of Oklahoma | - | - | 1 | - | - | - | - | - | 1 | - |
| University of Oregon | 1 | - | - | - | - | - | - | - | 1 | - |
| Oral Roberts University | - | - | - | - | - | - | - | - | - | - |
| Temple University | 1 | - | 1 | 1 | - | - | - | - | 2 | 1 |
| Univ. of Pennsylvania | - | 1 | 1 | - | - | - | - | - | 1 | 1 |
| Univ. of Pittsburgh | 1 | 1 | - | - | - | - | - | - | 1 | 1 |
| Univ. of South Carolina | 1 | - | - | - | - | - | - | - | 1 | - |
| Meharry Med. College | - | 2 | - | - | - | - | 1 | - | 1 | 2 |
| Univ. of Tennessee | 2 | 1 | - | - | 2 | 1 | - | - | 4 | 2 |
| Baylor University | 2 | 1 | | - | 1 | | 2 | | 5 | 1 |
| Univ. of Texas, Houston | 2 | - | 1 | - | 1 | - | 1 | 3 | 5 | 3 |
| Univ. of Texas, San Antonio | 2 | - | - | - | - | - | - | - | 2 | - |
| Virginia Com. University | - | 2 | - | - | - | - | - | - | - | 2 |
| University of Washington | - | 2 | - | - | - | - | - | - | - | 2 |
| West Virginia University | - | - | - | - | - | - | - | - | - | - |
| Marquette University | 5 | 2 | - | - | - | 1 | - | - | 5 | 3 |
| Univ. of Puerto Rico | - | - | - | - | - | - | - | 3 | - | 3 |
| Total | 53 | 28 | 7 | 3 | 16 | 5 | 15 | 8 | 91 | 44 |

TABLE 10

SUMMARY STATISTICS
JUNIOR CLASS 1981-82

| School | Number of Juniors M | Number of Juniors F | Number of Withdrawals M | Number of Withdrawals F | Attrition % of both male and female |
|---|---|---|---|---|---|
| University of Alabama | 58 | 16 | 1 | 1 | 2.7 |
| University of the Pacific | - | - | - | - | - |
| Univ. of California, S.F. | 88 | 16 | - | 2 | 1.9 |
| Univ. of California, L.A. | 71 | 36 | 3 | 1 | 3.7 |
| Univ. of Southern California | 105 | 15 | - | - | - |
| Loma Linda University | 86 | 10 | 3 | - | 3.1 |
| Univ. of Colorado | 18 | 7 | - | - | - |
| Univ. of Connecticut | 38 | 8 | 2 | - | 4.3 |
| Georgetown University | 131 | 22 | - | - | - |
| Howard University | 77 | 28 | - | - | - |
| University of Florida | 48 | 12 | - | - | - |
| Emory University | 92 | 11 | 1 | 1 | 1.9 |
| Medical College of Georgia | 55 | 9 | - | - | - |
| Loyola University | 113 | 23 | - | - | - |
| Northwestern University | 101 | 15 | 1 | - | 0.9 |
| Southern Illinois Univ. | 45 | 11 | - | - | - |
| University of Illinois | 149 | 33 | 1 | - | 0.5 |
| Indiana University | 101 | 23 | - | - | - |
| University of Iowa | 76 | 18 | 1 | - | 1.0 |
| University of Kentucky | 41 | 15 | 1 | 2 | 5.3 |
| Univ. of Louisville | 59 | 16 | - | - | - |
| Louisiana State Univ. | 87 | 9 | 1 | - | 1.0 |
| University of Maryland | 120 | 25 | 1 | - | 0.7 |
| Harvard University | 12 | 7 | - | - | - |
| Boston University | 38 | 12 | - | - | - |
| Tufts University | - | - | - | - | - |
| University of Detroit | 72 | 11 | 3 | - | 3.6 |
| University of Michigan | 123 | 27 | 1 | - | 0.7 |
| Univ. of Minnesota | 109 | 18 | 2 | - | 1.5 |
| Univ. of Mississippi | 38 | 5 | - | 1 | 2.3 |
| Univ. of Missouri, K.C. | 142 | 15 | 3 | - | 1.9 |
| Washington University | 68 | 15 | - | - | - |
| Creighton University | 60 | 11 | - | - | - |
| University of Nebraska | 61 | 7 | 1 | - | 1.4 |
| Fairleigh Dickinson Univ. | 61 | 17 | 1 | - | 1.2 |
| New Jersey College | 67 | 16 | - | - | - |
| Columbia University | 46 | 15 | - | - | - |
| New York University | 165 | 36 | 3 | - | 1.4 |
| Univ. of New York, S.B. | 23 | 4 | - | - | - |
| Univ. of New York, Buffalo | 74 | 15 | 1 | 3 | 4.4 |
| Univ. of North Carolina | 56 | 17 | - | - | - |
| Ohio State University | 164 | 26 | 1 | - | 0.5 |
| Case Western Reserve Univ. | 75 | 18 | 1 | - | 1.0 |
| University of Oklahoma | 53 | 9 | 1 | - | 1.6 |
| Oral Roberts University | 19 | 1 | - | - | - |
| University of Oregon | 62 | 16 | - | - | - |
| Temple University | 132 | 19 | 6 | - | 3.9 |
| Univ. of Pennsylvania | 110 | 44 | - | - | - |
| Univ. of Pittsburgh | 87 | 18 | 1 | - | 1.0 |
| Univ. of South Carolina | 50 | 11 | 1 | - | 1.6 |
| Meharry Med. College | 37 | 22 | - | - | - |
| Univ. of Tennessee | 142 | 12 | - | - | - |
| Baylor University | 125 | 20 | 4 | 1 | 3.4 |
| Univ. of Texas, Houston | 99 | 26 | - | - | - |
| Univ. of Texas, San Antonio | 112 | 20 | 2 | 1 | 2.2 |
| Virginia Com. University | 93 | 17 | 1 | - | 0.9 |
| University of Washington | 83 | 15 | 1 | - | 1.0 |
| West Virginia University | 53 | 9 | - | - | - |
| Marquette University | 118 | 16 | 1 | - | 1.0 |
| Univ. of Puerto Rico | 45 | 21 | 1 | - | 1.7 |
| Total | 4,469 | 940 | 52 | 13 | 1.2 |

TABLE 11

SUMMARY STATISTICS
OF
REASON FOR WITHDRAWAL
JUNIOR CLASS 1981-82

| School | Personal | | Scholastic Difficulty | | | | | | Clinic | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Didactic only | | Manual only | | Both Didactic and Manual | | | |
| | M | F | M | F | M | F | M | F | M | F |
| University of Alabama | 1 | 1 | - | - | - | - | - | - | - | - |
| University of the Pacific | - | - | - | - | - | - | - | - | - | - |
| Univ. of California, S.F. | - | 2 | - | - | - | - | - | - | - | - |
| Univ. of California, L.A. | - | 1 | - | - | 2 | - | 1 | - | - | - |
| Univ. of Southern California | - | - | - | - | - | - | - | - | - | - |
| Loma Linda University | 3 | - | - | - | - | - | - | - | - | - |
| University of Colorado | - | - | - | - | - | - | - | - | - | - |
| Univ. of Connecticut | 1 | - | - | - | - | - | - | - | 1 | - |
| Georgetown University | - | - | - | - | - | - | - | - | - | - |
| Howard University | - | - | - | - | - | - | - | - | - | - |
| University of Florida | - | - | - | - | - | - | - | - | - | - |
| Emory University | 1 | 1 | - | - | - | - | - | - | - | - |
| Medical College of Georgia | - | - | - | - | - | - | - | - | - | - |
| Loyola University | - | - | - | - | - | - | - | - | - | - |
| Northwestern University | - | - | - | - | - | - | - | - | 1 | - |
| Southern Illinois Univ. | - | - | - | - | - | - | - | - | - | - |
| University of Illinois | 1 | - | - | - | - | - | - | - | - | - |
| Indiana University | - | - | - | - | - | - | - | - | - | - |
| University of Iowa | - | - | 1 | - | - | - | - | - | - | - |
| University of Kentucky | 1 | 2 | - | - | - | - | - | - | - | - |
| Univ. of Louisville | - | - | - | - | - | - | - | - | - | - |
| Louisiana State Univ. | - | - | - | - | - | - | 1 | - | - | - |
| University of Maryland | 1 | - | - | - | - | - | - | - | - | - |
| Harvard University | - | - | - | - | - | - | - | - | - | - |
| Boston University | - | - | - | - | - | - | - | - | - | - |
| Tufts University | - | - | - | - | - | - | - | - | - | - |
| University of Detroit | - | - | - | - | - | - | - | - | 3 | - |
| University of Michigan | 1 | - | - | - | - | - | - | - | - | - |
| Univ. of Minnesota | 2 | - | - | - | - | - | - | - | - | - |
| Univ. of Mississippi | - | 1 | - | - | - | - | - | - | - | - |
| Univ. of Missouri, K.C. | 1 | - | - | - | - | - | - | - | 2 | - |
| Washington University | - | - | - | - | - | - | - | - | - | - |
| Creighton University | - | - | - | - | - | - | - | - | - | - |
| University of Nebraska | - | - | - | - | - | - | - | - | 1 | - |
| Fairleigh Dickinson Univ. | 1 | - | - | - | - | - | - | - | - | - |
| New Jersey College | - | - | - | - | - | - | - | - | - | - |
| Columbia University | - | - | - | - | - | - | - | - | - | - |
| New York University | 2 | - | - | - | - | - | 1 | - | - | - |
| Univ. of New York, S.B. | - | - | - | - | - | - | - | - | - | - |
| Univ. of New York, Buffalo | - | - | - | 1 | 1 | 1 | - | 1 | - | - |
| Univ. of North Carolina | - | - | - | - | - | - | - | - | - | - |
| Ohio State University | 1 | - | - | - | - | - | - | - | - | - |
| Case Western Reserve | 1 | - | - | - | - | - | - | - | - | - |
| University of Oklahoma | 1 | - | - | - | - | - | - | - | - | - |
| Oral Roberts University | - | - | - | - | - | - | - | - | - | - |
| University of Oregon | - | - | - | - | - | - | - | - | - | - |
| Temple University | - | - | - | - | - | - | - | - | 6 | - |
| Univ. of Pennsylvania | - | - | - | - | - | - | - | - | - | - |
| Univ. of Pittsburgh | 1 | - | - | - | - | - | - | - | - | - |
| Univ. of South Carolina | 1 | - | - | - | - | - | - | - | - | - |
| Meharry Med. College | - | - | - | - | - | - | - | - | - | - |
| Univ. of Tennessee | - | - | - | - | - | - | - | - | - | - |
| Baylor University | 2 | 1 | - | - | - | - | - | - | 2 | - |
| Univ. of Texas, Houston | - | - | - | - | - | - | - | - | - | - |
| Univ. of Texas, San Antonio | - | 1 | - | - | - | - | - | - | 2 | - |
| Virginia Com. University | 1 | - | - | - | - | - | - | - | - | - |
| Univ. of Washington | 1 | - | - | - | - | - | - | - | - | - |
| West Virginia Univ. | - | - | - | - | - | - | - | - | - | - |
| Marquette University | 1 | - | - | - | - | - | - | - | - | - |
| Univ. of Puerto Rico | - | - | - | - | - | - | - | - | 1 | - |
| Total | 26 | 10 | 1 | 1 | 3 | 1 | 3 | 1 | 19 | 0 |

TABLE 12

SUMMARY STATISTICS
SENIOR CLASS 1981-82

| School | Number of Seniors M | Number of Seniors F | Number of Withdrawals M | Number of Withdrawals F | Attrition % of both male and female |
|---|---|---|---|---|---|
| University of Alabama | 64 | 8 | - | - | - |
| University of the Pacific | 106 | 28 | - | - | - |
| Univ. of California, S.F. | 88 | 20 | 1 | - | 0.9 |
| Univ. of California, L.A. | 85 | 25 | - | 1 | 0.9 |
| Univ. of Southern California | 101 | 17 | - | - | - |
| Loma Linda University | 70 | 12 | 1 | - | 1.2 |
| Univ. of Colorado | 22 | 7 | - | - | - |
| Univ. of Connecticut | 33 | 9 | 1 | - | 2.3 |
| Georgetown University | 126 | 18 | 2 | - | 1.3 |
| Howard University | 81 | 29 | 1 | - | 0.9 |
| University of Florida | 50 | 14 | - | - | - |
| Emory University | 87 | 9 | 1 | - | 1.0 |
| Medical College of Georgia | 55 | 5 | - | - | - |
| Loyola University | 120 | 18 | 1 | - | 0.7 |
| Northwestern University | 91 | 18 | 4 | - | 3.6 |
| Southern Illinois Univ. | 44 | 5 | - | - | - |
| University of Illinois | 113 | 21 | - | - | - |
| Indiana University | 110 | 13 | 1 | - | 0.8 |
| University of Iowa | 73 | 17 | - | - | - |
| University of Kentucky | 39 | 18 | - | - | - |
| Univ. of Louisville | 66 | 13 | - | - | - |
| Louisiana University | 69 | 12 | - | - | - |
| University of Maryland | 102 | 21 | 1 | - | 0.8 |
| Harvard University | 11 | 9 | - | - | - |
| Boston University | 24 | 12 | - | - | - |
| Tufts University | 132 | 31 | - | - | - |
| University of Detroit | 77 | 6 | 1 | - | 1.2 |
| University of Michigan | 113 | 28 | 1 | - | 0.7 |
| Univ. of Minnesota | 112 | 29 | - | - | - |
| Univ. of Mississippi | 28 | 4 | 1 | - | 3.1 |
| Univ. of Missouri, K.C. | 139 | 17 | 2 | - | 1.2 |
| Washington University | 73 | 8 | - | - | - |
| Creighton University | 67 | 10 | - | - | - |
| University of Nebraska | 56 | 7 | - | - | - |
| Fairleigh Dickinson Univ. | 73 | 6 | - | - | - |
| New Jersey College | 76 | 13 | - | - | - |
| Columbia University | 44 | 10 | - | - | - |
| New York University | 178 | 28 | - | - | - |
| Univ. of New York, S.B. | 24 | 1 | - | - | - |
| Univ. of New York, Buffalo | 72 | 12 | - | - | - |
| Univ. of North Carolina | 70 | 9 | 2 | - | 2.5 |
| Ohio State University | - | - | - | - | - |
| Case Western Reserve Univ. | 69 | 24 | - | - | - |
| University of Oklahoma | 62 | 3 | - | - | - |
| Oral Roberts University | 18 | 2 | - | - | - |
| University of Oregon | 70 | 9 | - | - | - |
| Temple University | 126 | 19 | - | - | - |
| Univ. of Pennsylvania | 121 | 28 | - | - | - |
| Univ. of Pittsburgh | 89 | 23 | - | - | - |
| Univ. of South Carolina | 45 | 4 | - | - | - |
| Meharry Med. College | 20 | 9 | 1 | - | 3.4 |
| Univ. of Tennessee | 138 | 10 | - | - | - |
| Baylor University | - | - | - | - | - |
| Univ. of Texas, Houston | 103 | 14 | 1 | - | 0.8 |
| Univ. of Texas, San Antonio | 110 | 21 | 1 | - | 0.7 |
| Virginia Com. University | 76 | 25 | - | - | - |
| University of Washington | 86 | 14 | - | - | - |
| West Virginia University | 54 | 6 | - | - | - |
| Marquette University | 119 | 11 | 1 | - | 0.7 |
| Univ. of Puerto Rico | 35 | 31 | - | - | - |
| Total | 4,669 | 876 | 25 | 1 | 0.5 |

TABLE 13

SUMMARY STATISTICS
OF
REASON FOR WITHDRAWAL
SENIOR CLASS 1981-82

| School | Personal | | Scholastic Difficulty | | | | | | Clinic | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Didactic only | | Manual only | | Both Didactic and Manual | | | |
| | M | F | M | F | M | F | M | F | M | F |
| University of Alabama | - | - | - | - | - | - | - | - | - | - |
| University of the Pacific | - | - | - | - | - | - | - | - | - | - |
| Univ. of California, S.F. | 1 | - | - | - | - | - | - | - | - | - |
| Univ. of California, L.A. | - | - | - | - | - | - | - | - | - | 1 |
| Univ. of Southern California | - | - | - | - | - | - | - | - | - | - |
| Loma Linda University | - | - | - | - | - | - | - | - | 1 | - |
| University of Colorado | - | - | - | - | - | - | - | - | - | - |
| Univ. of Connecticut | 1 | - | - | - | - | - | - | - | - | - |
| Georgetown University | - | - | 2 | - | - | - | - | - | - | - |
| Howard University | - | - | - | - | - | - | - | - | 1 | - |
| University of Florida | - | - | - | - | - | - | - | - | - | - |
| Emory University | - | - | - | - | - | - | - | - | 1 | - |
| Medical College of Georgia | - | - | - | - | - | - | - | - | - | - |
| Loyola University | 1 | - | - | - | - | - | - | - | - | - |
| Northwestern University | 3 | - | - | - | - | - | - | - | 1 | - |
| Southern Illinois Univ. | - | - | - | - | - | - | - | - | - | - |
| University of Illinois | - | - | - | - | - | - | - | - | - | - |
| Indiana University | - | - | - | - | - | - | - | - | 1 | - |
| University of Iowa | - | - | - | - | - | - | - | - | - | - |
| University of Kentucky | - | - | - | - | - | - | - | - | - | - |
| Univ. of Louisville | - | - | - | - | - | - | - | - | - | - |
| Louisiana State Univ. | - | - | - | - | - | - | - | - | - | - |
| University of Maryland | - | - | - | - | - | - | - | - | 1 | - |
| Harvard University | - | - | - | - | - | - | - | - | - | - |
| Boston University | - | - | - | - | - | - | - | - | - | - |
| Tufts University | - | - | - | - | - | - | - | - | - | - |
| University of Detroit | - | - | - | - | - | - | - | - | 1 | - |
| University of Michigan | 1 | - | - | - | - | - | - | - | - | - |
| Univ. of Minnesota | - | - | - | - | - | - | - | - | - | - |
| Univ. of Mississippi | - | - | - | - | - | - | - | - | 1 | - |
| Univ. of Missouri, K.C. | 1 | - | - | - | - | - | - | - | 1 | - |
| Washington University | - | - | - | - | - | - | - | - | - | - |
| Creighton University | - | - | - | - | - | - | - | - | - | - |
| University of Nebraska | - | - | - | - | - | - | - | - | - | - |
| Fairleigh Dickinson Univ. | - | - | - | - | - | - | - | - | - | - |
| New Jersey College | - | - | - | - | - | - | - | - | - | - |
| Columbia University | - | - | - | - | - | - | - | - | - | - |
| New York University | - | - | - | - | - | - | - | - | - | - |
| Univ. of New York, S.B. | - | - | - | - | - | - | - | - | - | - |
| Univ. of New York, Buffalo | - | - | - | - | - | - | - | - | - | - |
| Univ. of North Carolina | - | - | - | - | - | - | - | - | 2 | - |
| Ohio State University | - | - | - | - | - | - | - | - | - | - |
| Case Western Reserve Univ. | - | - | - | - | - | - | - | - | - | - |
| University of Oklahoma | - | - | - | - | - | - | - | - | - | - |
| Oral Roberts University | - | - | - | - | - | - | - | - | - | - |
| University of Oregon | - | - | - | - | - | - | - | - | - | - |
| Temple University | - | - | - | - | - | - | - | - | - | - |
| Univ. of Pennsylvania | - | - | - | - | - | - | - | - | - | - |
| Univ. of Pittsburgh | - | - | - | - | - | - | - | - | - | - |
| Univ. of South Carolina | - | - | - | - | - | - | - | - | - | - |
| Meharry Med. College | - | - | - | - | - | - | 1 | - | - | - |
| Univ. of Tennessee | - | - | - | - | - | - | - | - | - | - |
| Baylor University | - | - | - | - | - | - | - | - | 1 | - |
| Univ. of Texas, Houston | 1 | - | - | - | - | - | - | - | - | - |
| Univ. of Texas, San Antonio | 1 | - | - | - | - | - | - | - | - | - |
| Virginia Com. University | - | - | - | - | - | - | - | - | - | - |
| University of Washington | - | - | - | - | - | - | - | - | - | - |
| West Virginia University | - | - | - | - | - | - | - | - | - | - |
| Marquette University | - | - | - | - | 1 | - | - | - | - | - |
| Univ. of Puerto Rico | - | - | - | - | - | - | - | - | - | - |
| Total | 10 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 12 | 1 |